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06/23/2005 11:08 AM


To Carolyn dAlmeida/R9/USEPA/US@EPA

cc Michele Benson/R9/USEPA/US@EPA,
Melanie.Goode@CH2M.com, Jennifer.Low@CH2M.com

bcc

Subject RE: bldg 844 UL #01

History:

 This message has been replied to.

Based on observations made during a site visit, CH2M HILL personnel verified that only three transformers are currently located at Building 844 UL#01 (T-1729, T-1730, T-1731). Transformer T-1622 is not located at Building 844 UL#01, as previously reported, but is located at nearby Building 1340, based on visual observations. The locations of transformers T-1729, T-1730, and T-1731 are shown on the attached Figure 1. These three transformers do not contain PCBs, according to a list provided by the Navy in 1996.

In addition, CH2M HILL conducted a search of historical documents and figures to determine the former locations of the transformers formerly located at Building 844 (T-0764, T-0765, and T-0766, which were removed in 1985). Based on a historical figure dated 1940, Building 844 most likely was previously contained within a smaller footprint (see attached Figure 1 and attached historical figure) and an addition to the building was constructed at an unknown time. In a site visit, CH2M HILL used the current dimensions of the northern portion of Building 844, the current location of the electrical vault, and the current location of the access gate to verify that the historical figure most likely represents the previous layout of Building 844 UL#01. CH2M HILL personnel also noted an interface between the older concrete floor of the previous layout and the newer concrete floor of the building addition. In addition, the kilovolt-amperage rating of the former transformers shown on the figure (333kVA) matches the kilovolt-amperage rating of transformers T-0764, T-0765, and T-0766 (333 kVA) in a list provided by the Navy in 1996.

In the historical figure, the former transformers T-0764, T-0765, and T-0766 are placed in approximately the same location as current transformer T-1730. Therefore, previous samples 7057-0226 through 7057-0232 (clustered around current transformer T-1730) are located in the vicinity of the former locations of the transformers T-0764, T-0765, and T-0766.

If you have any questions, please contact Jennifer Low at (510)587-7511 or me at (530)229-3227.

-----Original Message-----

From: dAlmeida.Carolyn@epamail.epa.gov
[mailto:dAlmeida.Carolyn@epamail.epa.gov]
Sent: Monday, June 06, 2005 3:17 PM
To: Corontzos, Thomas/RDD
Cc: Benson.Michele@epamail.epa.gov
Subject: bldg 844 UL #01

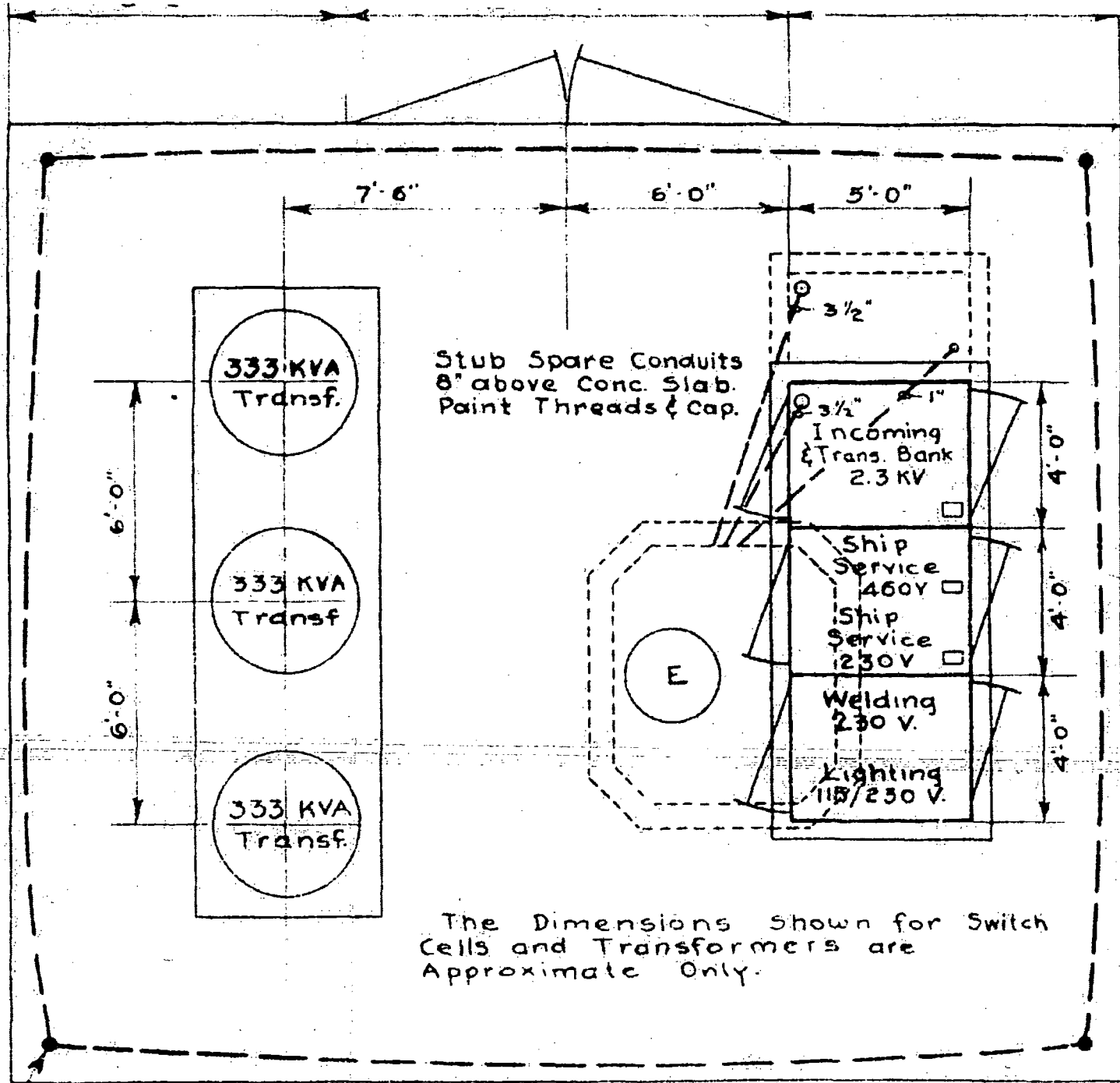
I have another question about this one

your report says that there were originally 3 transformers on this pad, all containing PCBs at 24, 26 and 103 ppm. These were removed 1985 and 4 other transformers were installed, one containing 34.4 ppm PCBs and the other 3 containing no PCBs. The 6 concrete samples that were

collected from the pad appear to be clustered around transformer T1730 which your report says does not contain PCBs. Is the location of the other former PCB transformers known to have been in the same area as T1730? We may need more samples for this one, unless we can get a better idea of where these transformers were located with respect to your figure 1.



historical_fig_B844.pdf FIG1_B844_PCB.pdf



Stub Spare Conduits
8' above Conc. Slab.
Paint Threads & Cap.

Incoming
& Trans. Bank
2.3 KV

Ship
Service
460V

Ship
Service
230V

Welding
230 V.

Lighting
115/230 V.

The Dimensions shown for Switch
Cells and Transformers are
Approximate Only.

PLAN OF SUBSTATION
Scale 1/4" = 1'-0"

Building 844 UL#01
C.1948

N A	
ITEM NO	N RE
1	
2	
3	
4	
5	
6	

- 1. All d
Silver
- 2. Swit
a. 25
b. 25

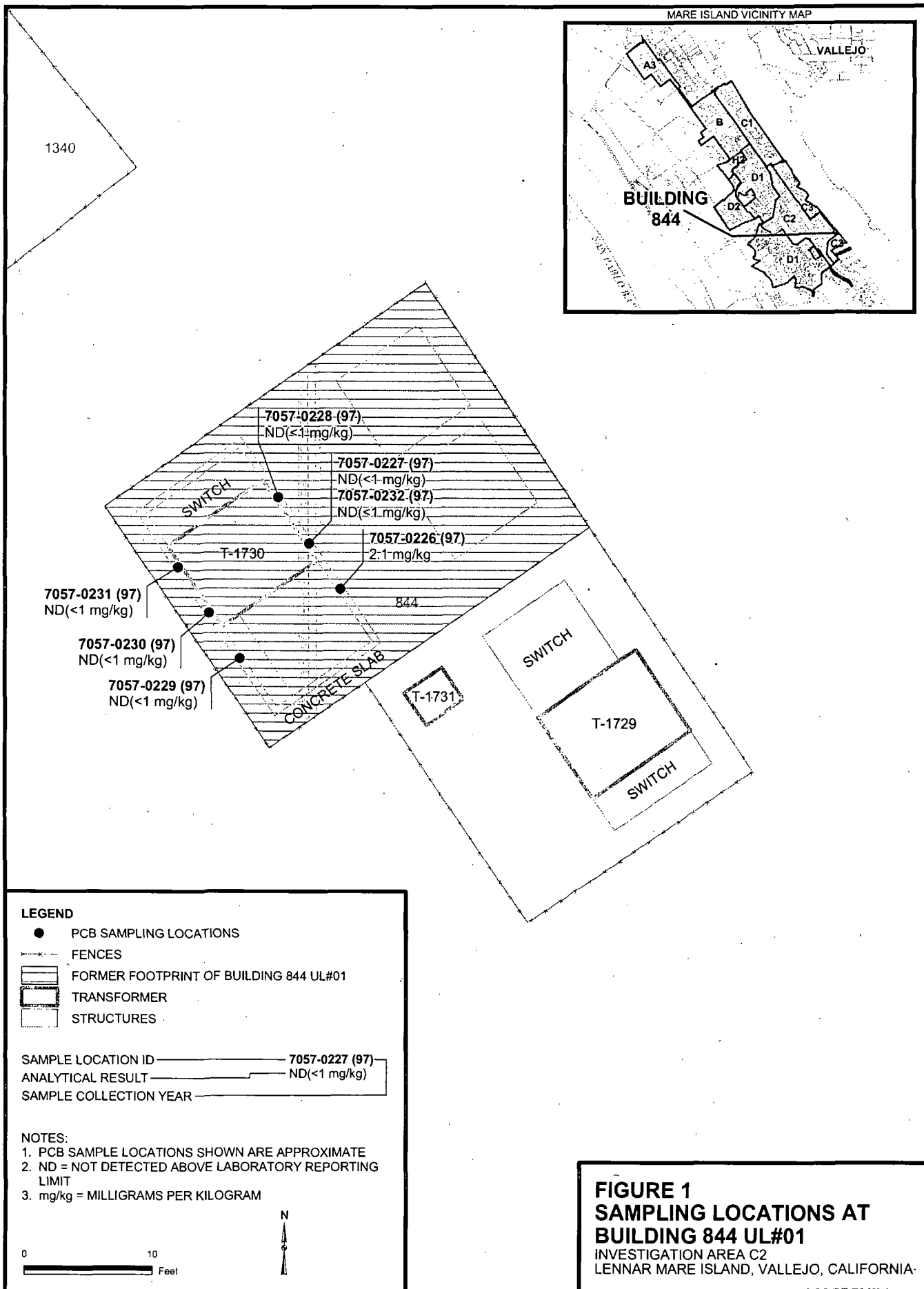


FIGURE 1
SAMPLING LOCATIONS AT
BUILDING 844 UL#01
 INVESTIGATION AREA C2
 LENNAR MARE ISLAND, VALLEJO, CALIFORNIA